

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 1639 - L2 Version 001
Chandra X-Ray Center

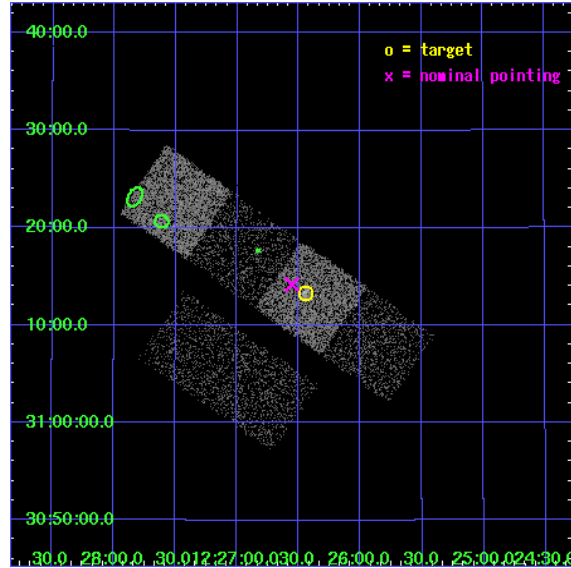
L2 Processing Date : Jun 14 2007

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1 Front

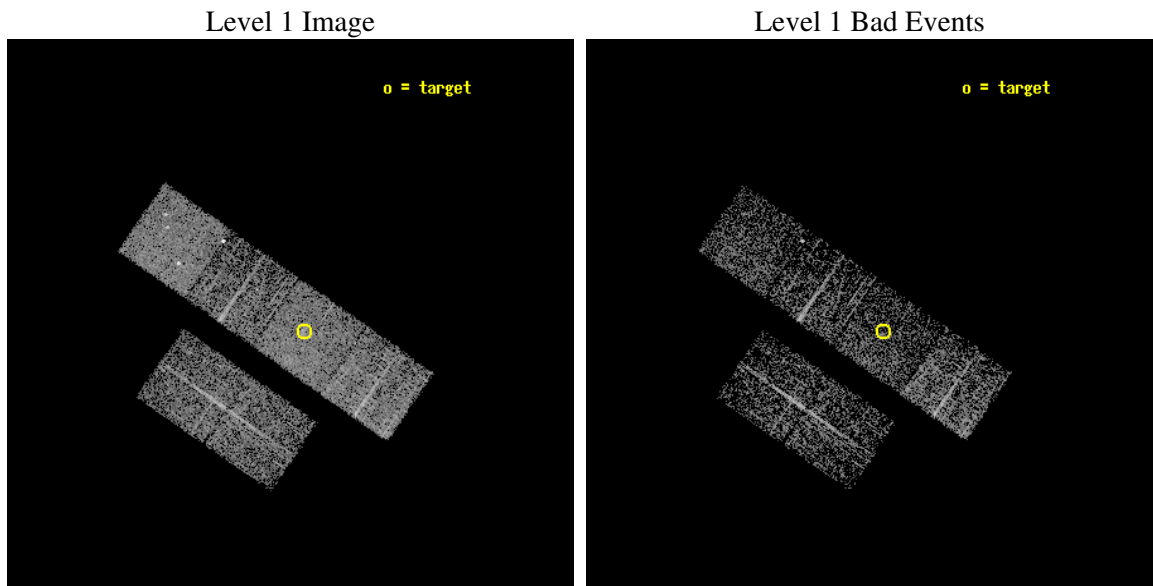
seq_num	700255
obs_id	1639
title	THE X-RAY PROPERTIES OF LOW-LUMINOSITY ACTIVE GALACTIC NUCLEI IN NEARBY GALAXIES
observer	Prof. Gordon Garmire
object	NGC 4414
dtcycle	0
cycle	P
ra_targ	186.609583
dec_targ	31.221667
ra_nom	186.63872985297
dec_nom	31.236914219834
roll_nom	34.851162906117
revision	2
ontime	1760.0000016391
livetime	1737.7138218736
ontime2	1760.0000016391
ontime3	1760.0000016391
ontime5	1760.0000016391
ontime6	1760.0000016391
ontime7	1760.0000016391
ontime8	1756.7591810226
l2events	16170



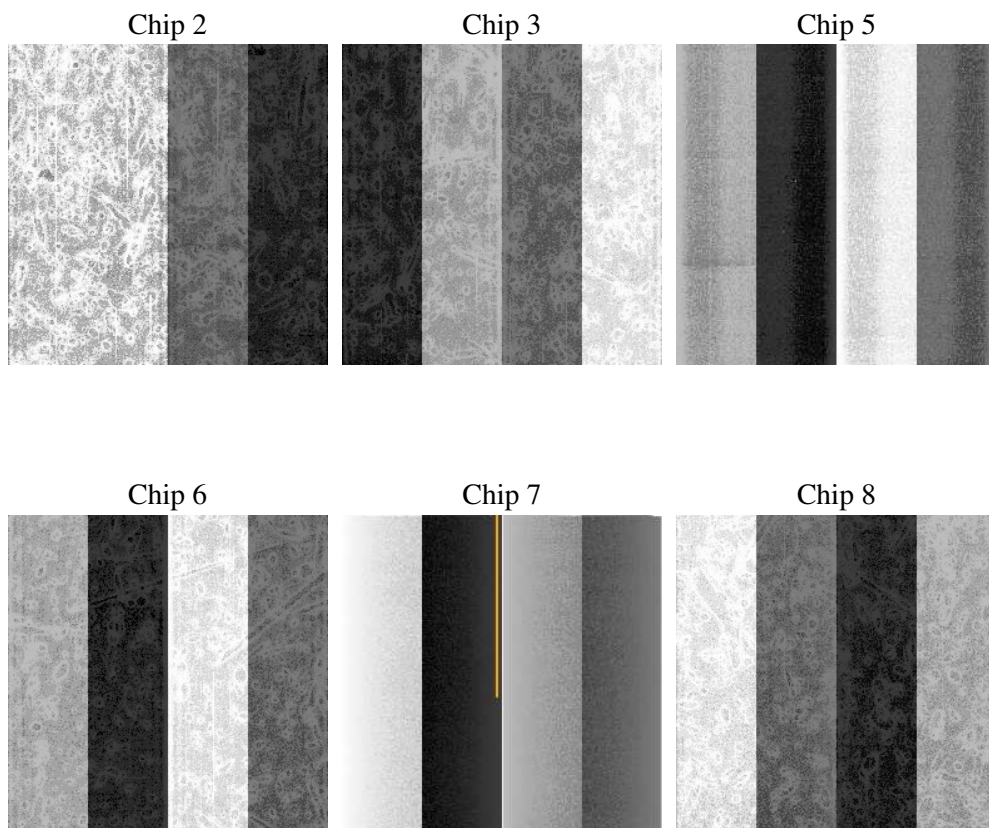
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldsver	3.4.0
date	2007-06-14T05:58:33
revision	2

sched_exp_time	2000.000000
ontime	1760.0000016391
ontime2	1760.0000016391
ontime3	1760.0000016391
ontime5	1760.0000016391
ontime6	1760.0000016391
ontime7	1760.0000016391
ontime8	1756.7591810226
l1events	73117

2.1.4 Events

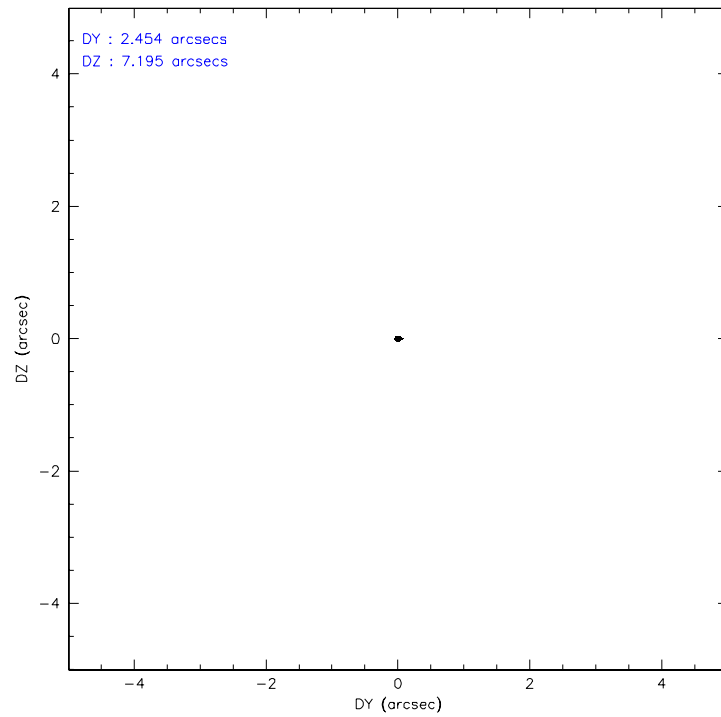
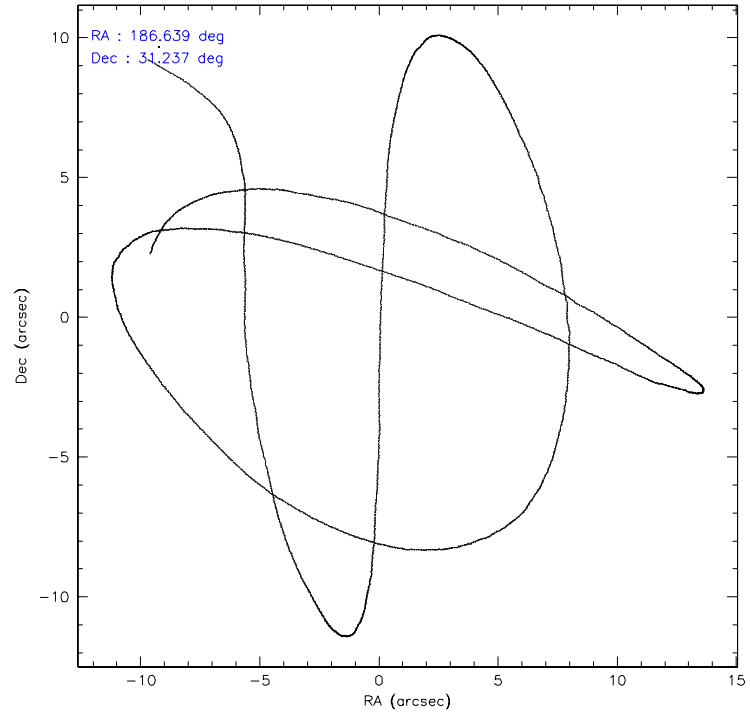
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	10016	10007	14988	10019	13326	14761
rejected events	8831	8767	7747	8664	7658	12241
rejected %	88%	87%	51%	86%	57%	82%

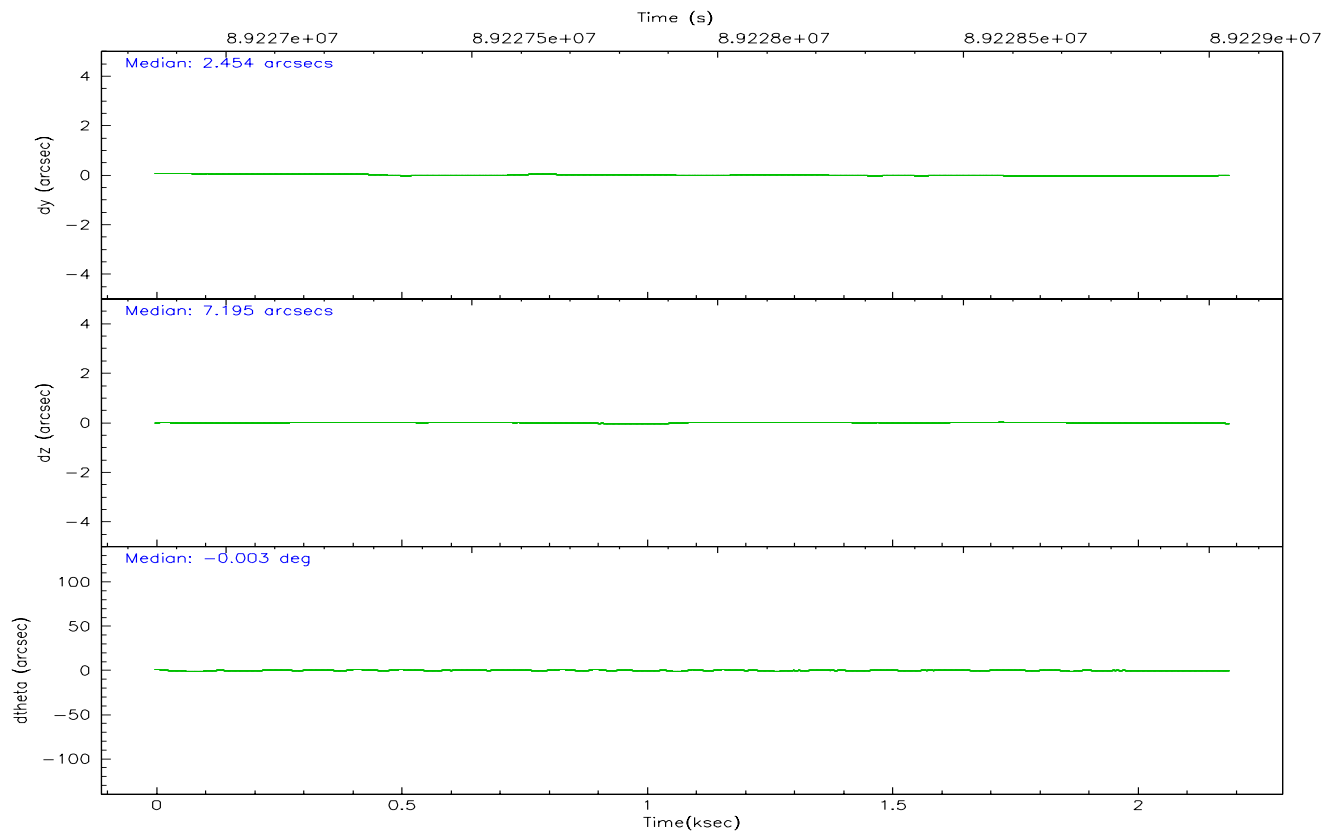
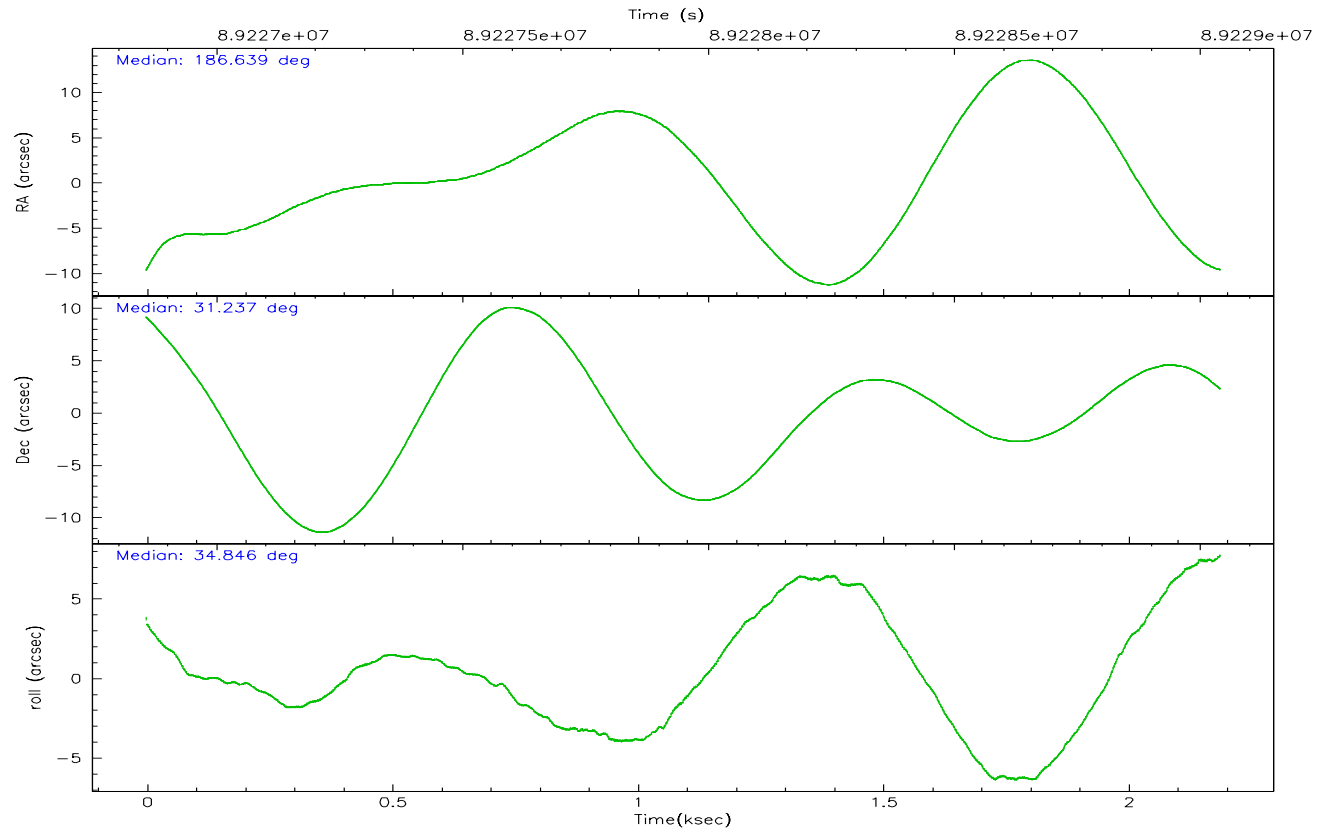
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	531	558	842	594	629	892
	5%	5%	5%	5%	4%	6%
grade 1 events	5	4	63	6	20	15
	0%	0%	0%	0%	0%	0%
grade 2 events	246	232	2008	251	1216	502
	2%	2%	13%	2%	9%	3%
grade 3 events	114	132	350	126	499	309
	1%	1%	2%	1%	3%	2%
grade 4 events	101	88	268	152	510	301
	1%	0%	1%	1%	3%	2%
grade 5 events	315	369	1191	392	1219	428
	3%	3%	7%	3%	9%	2%
grade 6 events	195	233	3785	235	2821	518
	1%	2%	25%	2%	21%	3%
grade 7 events	8509	8391	6481	8263	6412	11796
	84%	83%	43%	82%	48%	79%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	186.625469	186.6387298529696	Subarray requested	NONE	NONE
Pointing Dec	31.212013	31.23691421983405	Alternating exposures requested	N	N
Pointing Roll	34.701431	34.85116290611749	Primary exposure time	0.000000	3.2
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	89227042.184000	89226284.330275			
Observation start date	2000-10-29T17:16:18	2000-10-29T17:04:44			
Observation end time	89229042.184000	89229274.25538801			
Observation end date	2000-10-29T17:49:38	2000-10-29T17:54:34			
Read mode	TIMED	TIMED			

2.3 Aspect



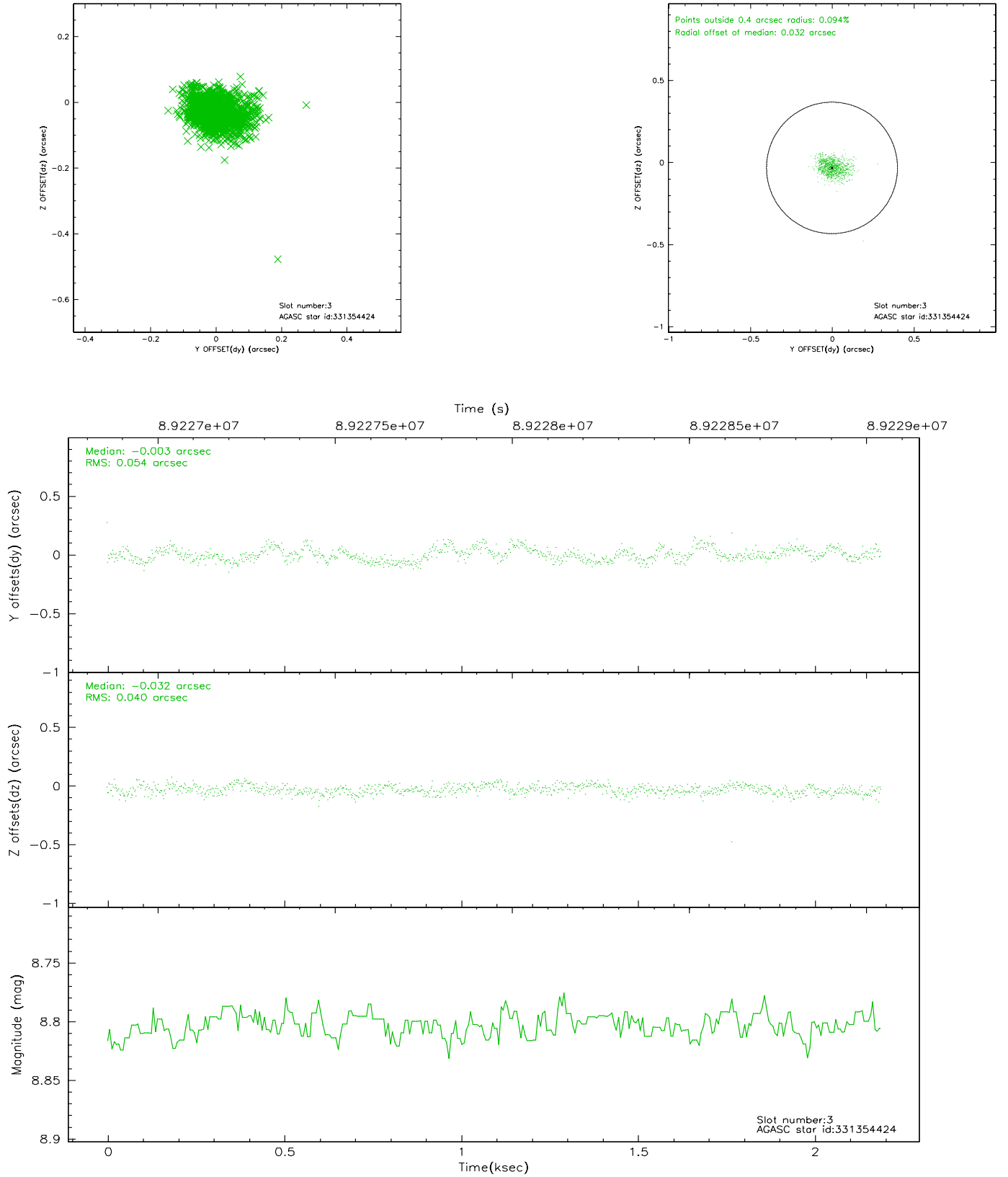


Slot Statistics

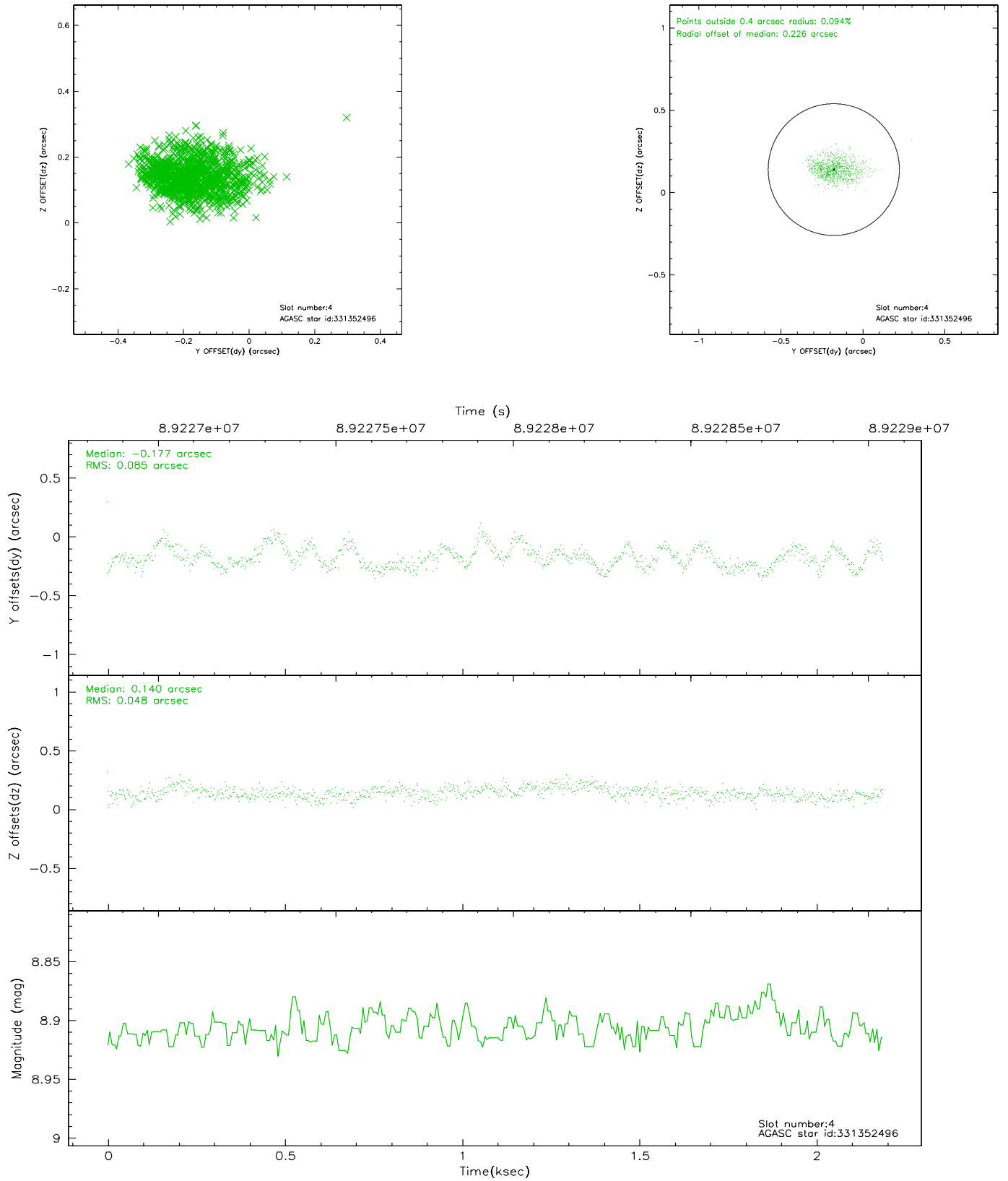
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	534	-0.004	0.017	0.007	0.013	0.000000	0.000000	-755.11	-1728.34
1	FID	ACIS-S-4	7.20	534	-0.075	-0.002	0.005	0.009	0.000000	0.000000	2156.77	177.02
2	FID	ACIS-S-5	7.23	534	0.048	-0.006	0.006	0.011	0.000000	0.000000	-1804.04	174.12
3	GUIDE	331354424	8.80	1069	-0.003	-0.032	0.068	0.116	186.124806	31.280357	-1124.01	1081.91
4	GUIDE	331352496	8.91	1069	-0.177	0.140	0.102	0.167	187.573373	30.994368	1965.59	-2298.01
5	GUIDE	331354152	9.87	1069	0.205	0.114	0.137	0.210	186.354977	30.589774	-1961.15	-1365.95
6	GUIDE	331354520	9.93	1066	-0.101	-0.080	0.151	0.251	187.123469	31.673606	2200.92	499.10
7	GUIDE	331354912	8.09	1068	0.060	-0.128	0.072	0.111	185.673324	31.248883	-2323.97	1787.82

2.4 Star Slots

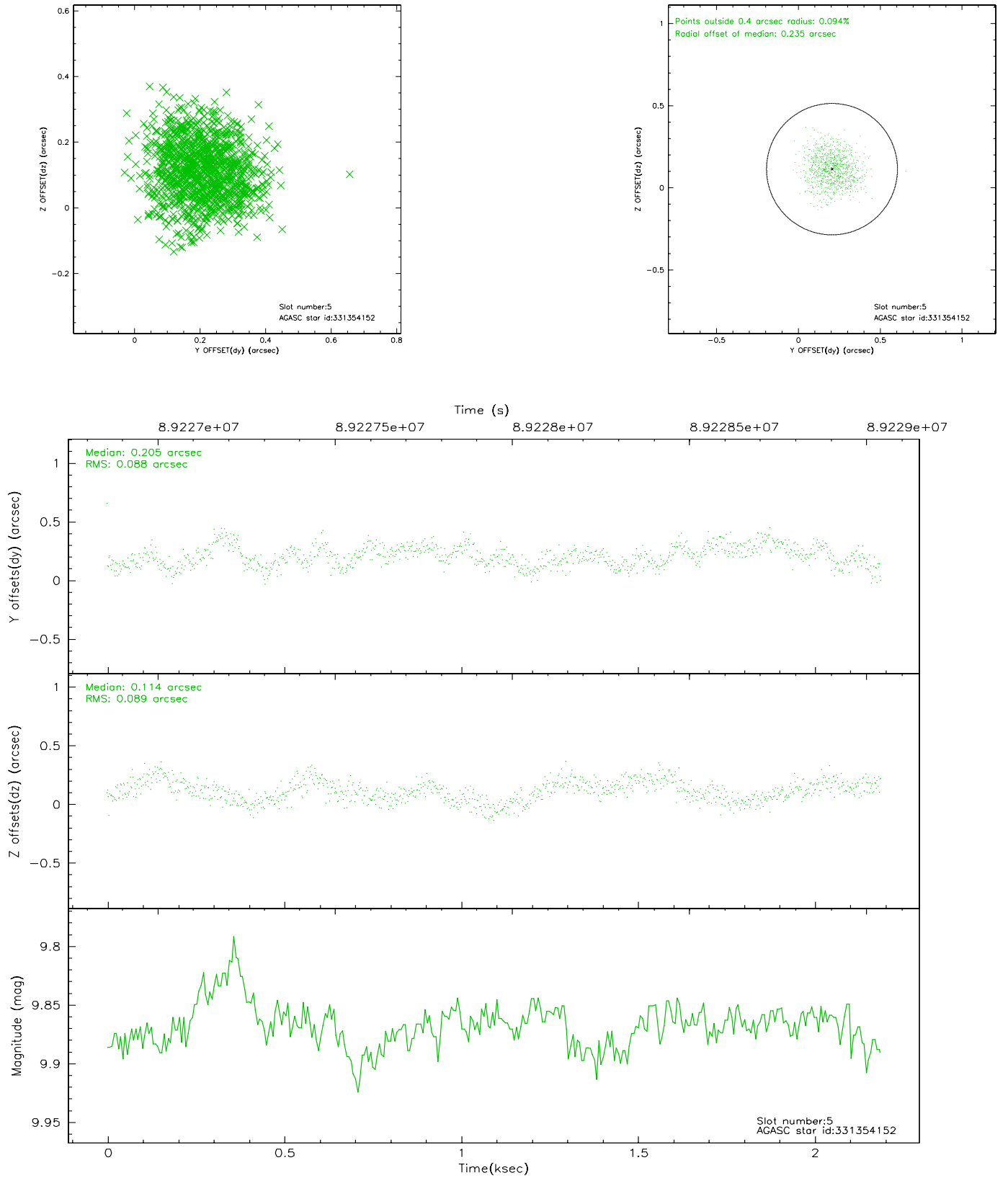
2.4.1 Slot 3



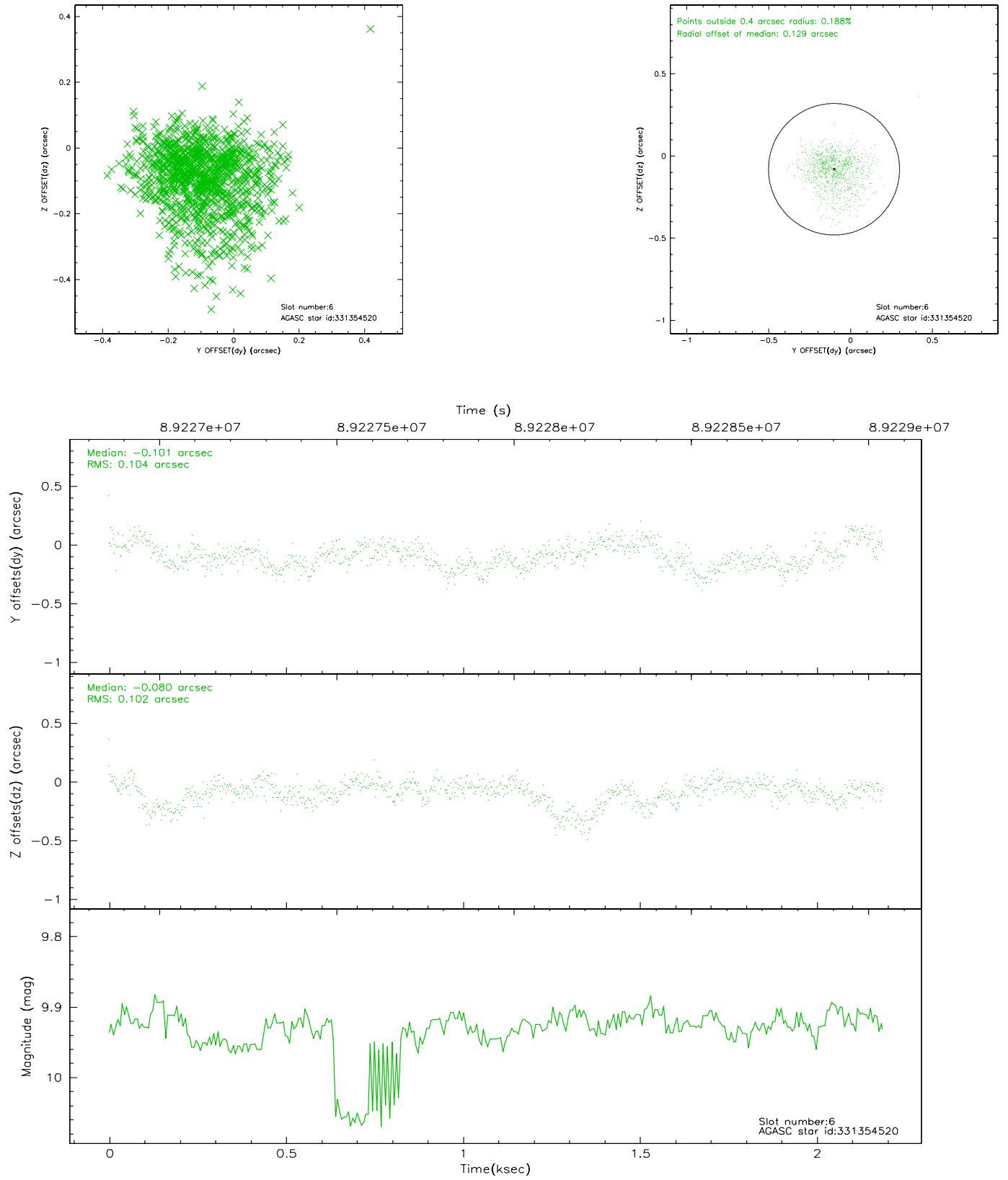
2.4.2 Slot 4



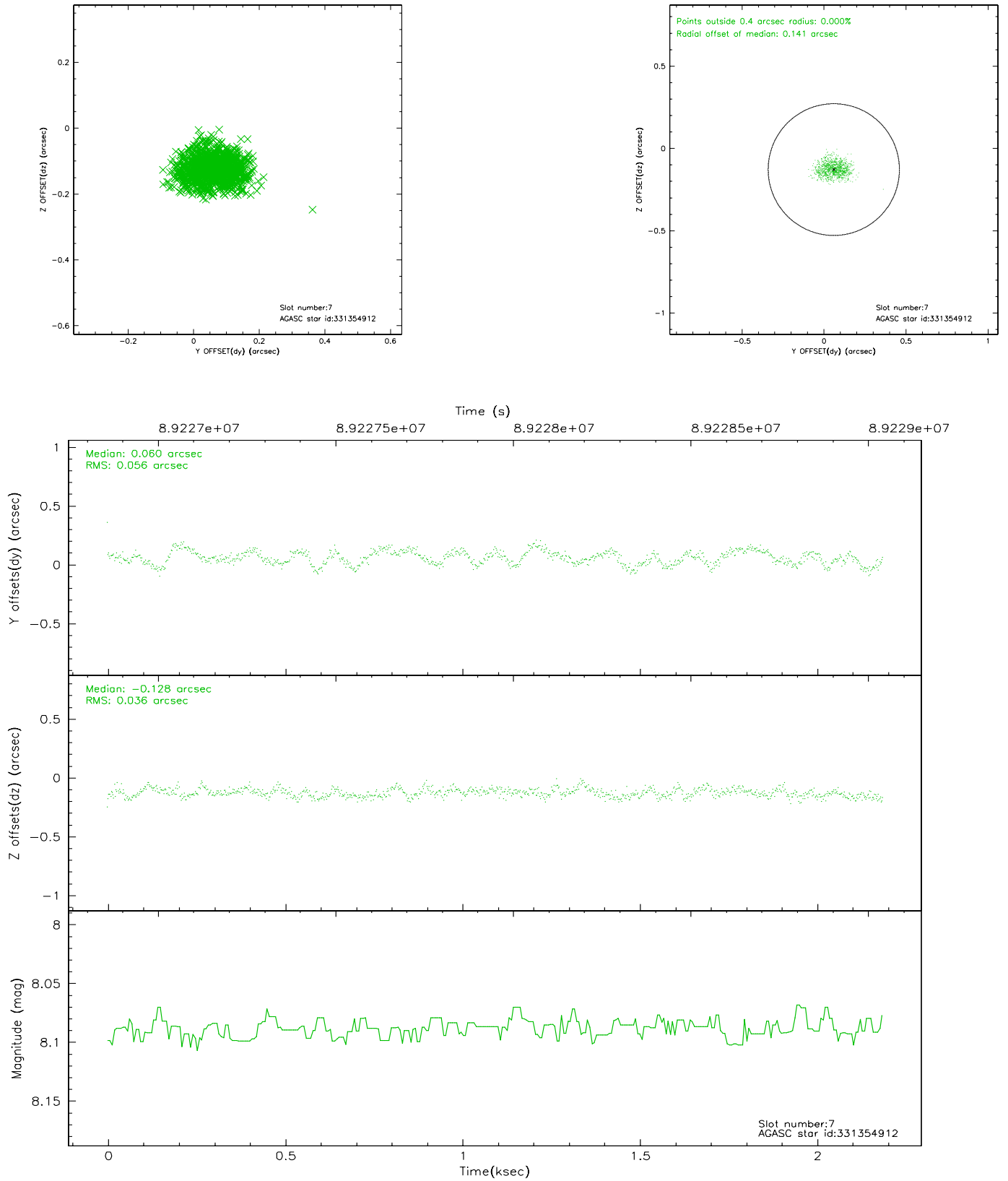
2.4.3 Slot 5



2.4.4 Slot 6

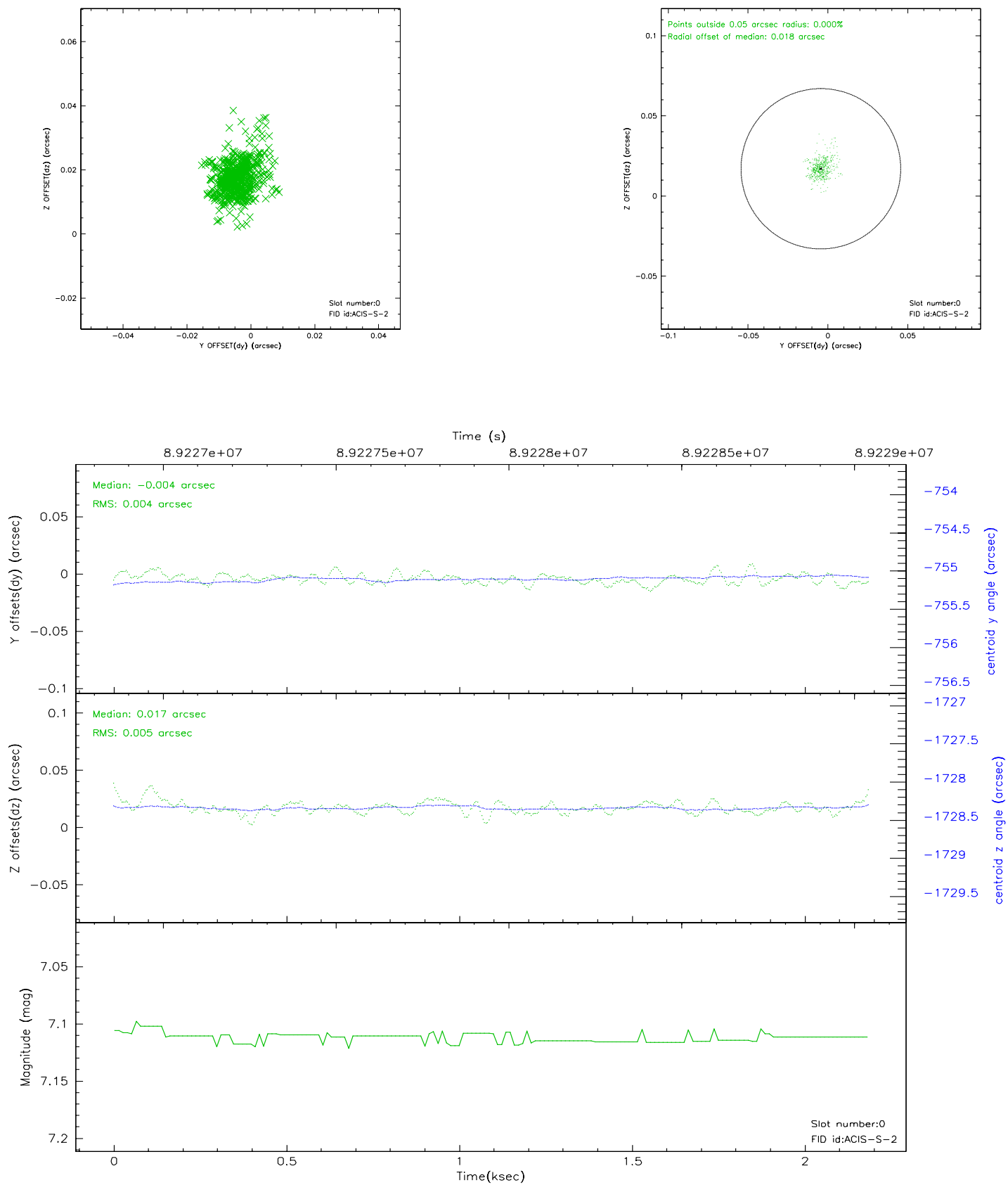


2.4.5 Slot 7

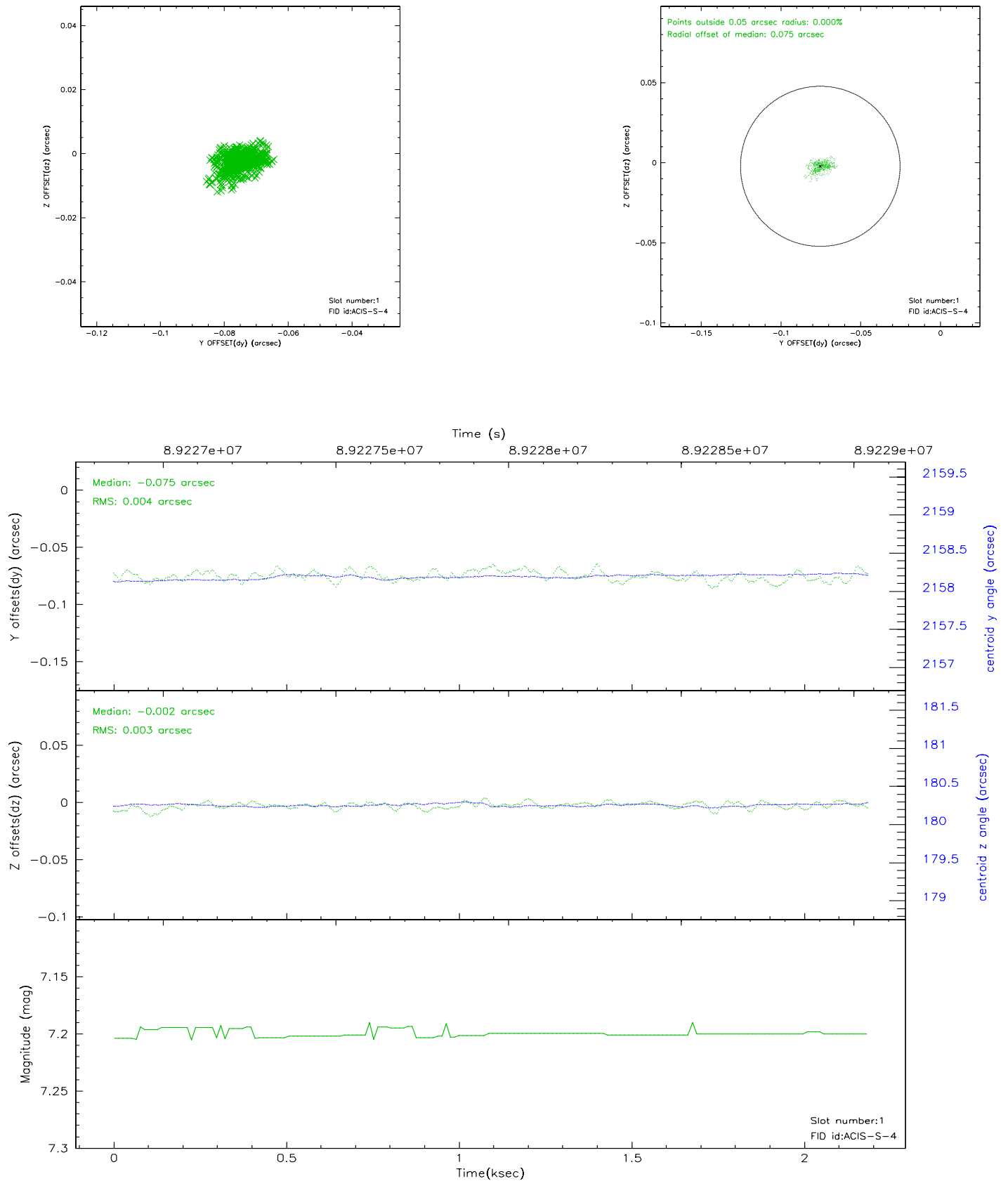


2.5 FID Slots

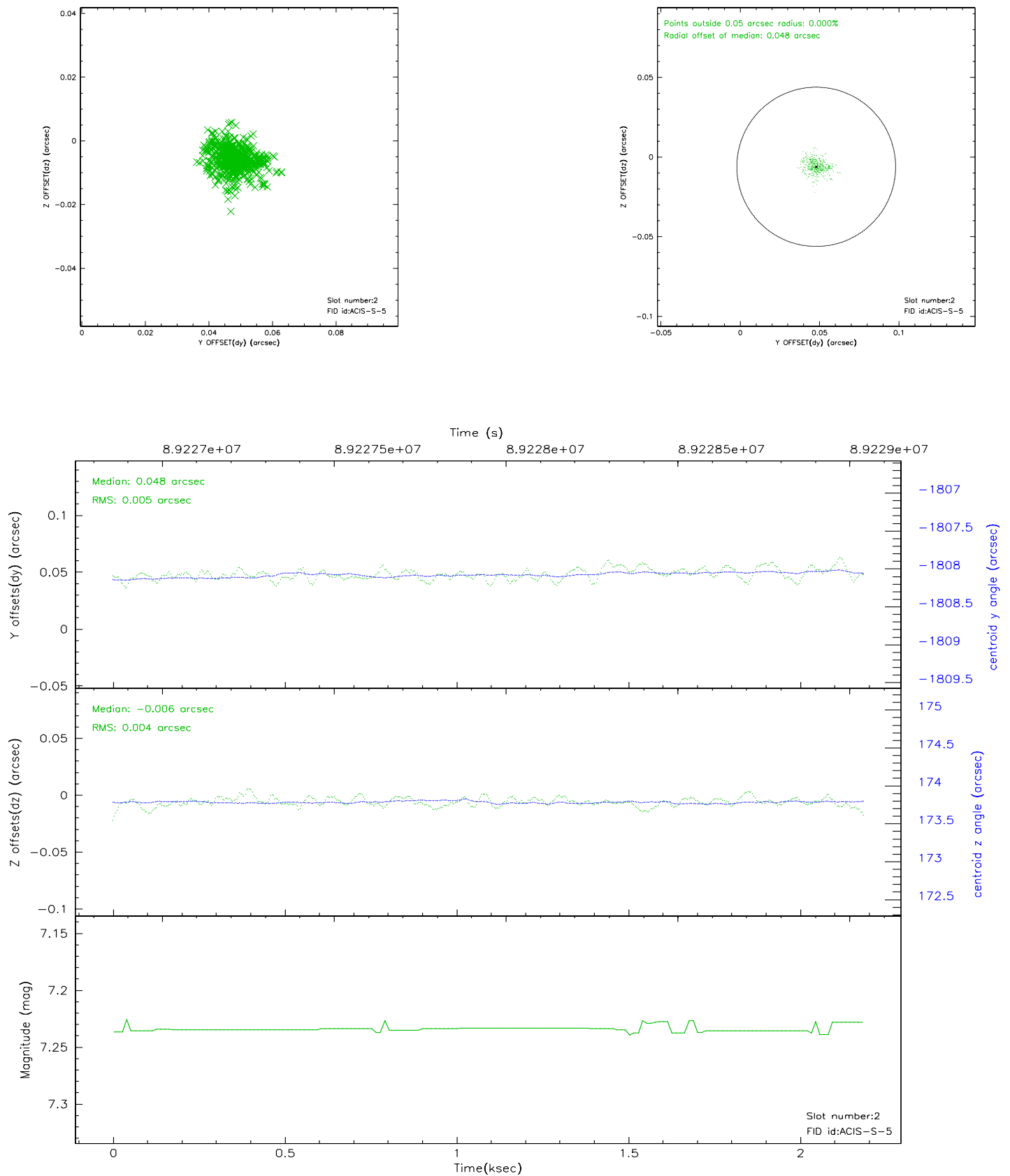
2.5.1 Slot 0



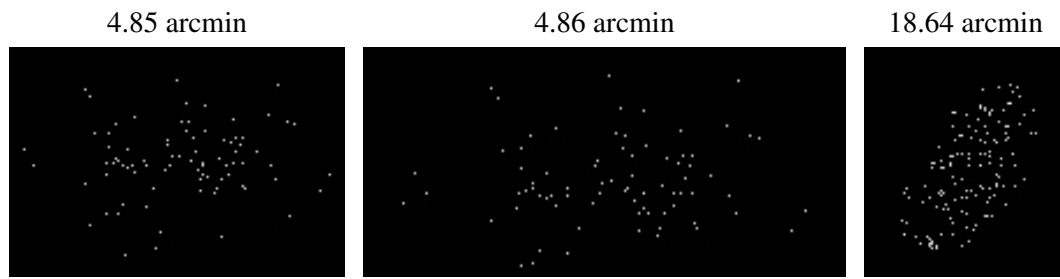
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.06.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.76

A.2 Comments